

ABSTRACT OF THE DISCLOSURE

An optical magnifier is provided. One general form of one example embodiment includes two lens elements, at least two aspheric surfaces, and at least one diffractive surface. Another general form of another example 5 embodiment includes three lens elements, and at least three aspheric surfaces. At least two of the aspheric surfaces can be simple conics. The optical magnifier, suitable for use in an electronic display system, has an apparent field of view of at least +/-10 degrees; a magnification of at least 15x; a back focal length of at least 5 mm; and an eye relief greater than the effective focal length of the optical 10 magnifier. The lens elements can be made from plastic.